## Work Order ID 54295 - [

December 7, 2009 2:31:36 PM

Quality Control



Page 1

Setup Start Accept D412-769-044 Item ID: Revision ID: Stop Aft Facing Seat Assembly, RH Item Name: Start Qty: 500 Cust Item ID: 07/12/2009 Start Date: Required Date: 21/12/2009 Reg'd Oty: 5.00 Customer: Reference: Start Run Date Tooling: Date: Process Plan: Approvals: Stop SPC (Y/N): Date: QC: Date: Reject Reject Insp. Draw Draw Plan Accept Set Up/ Operation Sequence ID/ Qty Oty Number Stamp Rev. Code Number Run Hours Description Work Center ID Revision Nbr Draw Nbr Rev B IIN D412-769 0.00 Pick Kit 100 9/12/20 0.00 Packaging Memo Packaging 0.00 110 86 10fol/05 Small Fab 0.00 Small Fab Memo 1- assemble as per dwg D412-769-2 Small Fab QC5- Inspect part completeness to step on W/O 120 Memo

Dart Ae	rospace	Ltd						
W/O:			WO	RK ORDER CHANGES	6			9 - Y
DATE	STEP	PR	OCEDURE CHAP	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
								B - 677
							*	-
Part No	);	PAR #:	Fault Categ	jory:	NCR: Yes	No DQA:	Date:	
		esolution:		:				
NCR:			WORK ORDE	R NON-CONFORMAN	CE (NCF	1)		
DATE	STEP	Description of NC		Corrective Action Section		Verification	Approval	Approva
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section C	Chief Eng	QC Inspecto
							8	
		7.7						
							-	
		-5						-

#### Work Order ID 54295

December 7, 2009 2:31:36 PM



Item ID:

D412-769-044

Accept



Setup Start





Item Name: Start Date:

Revision ID:

07/12/2009

Start Qty: 5.00

Cequired Date: 21/12/2009 Reg'd Qty: 5.00



Cust Item ID:

Customer:

Draw

Number

Reference:

Process Plan:

Aft Facing Seat Assembly, RH

Date:

14112588

Tooling:

Date:

Start

Reject

Qty

Run

Accept

Qty

Stop



Approvals:

OC:

Date:

as per dwg D412-769-2 START

SPC (Y/N):

Date:

Reject

Number



Insp.

Stamp

Sequence ID/ Work Center ID

130

Powdercoat

Powder Coating

Operation Description

Grey Sandtex(Ref: 4.3.5.6) per QSI005 4.3

Set Up/ Run Hours

0.00

1- mask D3782-041 and D3782-043 front legs and D3787-1 foot as per dwg

leg does not move when Powdercoat 3- Powder coat remainig of assembly grey

START: 1:00pm

Draw

Rev.

Plan

Code

D412-769-041 \(\square\)2- install bolts in 3 place (in seat belt eye bolt holes) b ensure \(\sqrt{C}\gamma\) \(\gamma\).

Fin: 1:30pm

140

Quality Control

QC3-Inspect Part Finish

Memo

BK10-01-5

150

Packaging

Packaging

Pick Kit

Memo

0.00

0.00 M. f. 10/01/06

	rospace Lt								
W/O:			W	ORK ORDER CHANGE	S				
DATE STEP		PR	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto	
			*						
Part No				gory:					
	Reso	olution:	Dispositio	n:	QA: N/C	Closed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMAN	ICE (NC	R)			
		Description of NC		Corrective Action Section	В	Vor	ification	Approval	Approva
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& S	ection C	Chief Eng	QC Inspecto

### Work Order ID 54295



Page 3

December 7, 2009 2:31:37 PM

Item ID:

D412-769-044

Accept



Setup Start



Revision ID:

Item Name:

Aft Facing Seat Assembly, RH

Start Date:

07/12/2009

Start Qty: 5.00

Required Date: 21/12/2009 Req'd Qty: 5.00

Cust Item ID:

Customer:

: 5

Start

Stop



Reference:

Process Plan:

Date:

Tooling:

Date:

Stop



Approvals:

QC:

Date:

SPC (Y/N):

Draw

Number

Date:

Draw

Rev.

Accept

Qty

Run

Reject Qty

Reject Number

Insp. Stamp

Sequence ID/ Work Center ID

160

Small Fab Small Fab Operation Description

Small Fab

Set Up/ Run Hours

0.00

0.00

1- install remaining parts as per dwg D412-769-2

170

Quality Control

QC5- Inspect part completeness to step on W/O

27 Sidalo6

Plan

Code

180

Packaging

Identify as per dwg & Stock Location: / A

DOCY.

0.00

0.00

Packaging

Memo

Memo

#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qtv Date Chief Eng / QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification Approval Approval DATE STEP Sign & **Action Description** Initial Section A QC Inspector Section C Chief Eng Chief Eng Chief Eng Date

#### Work Order ID 54295



Page 4

December 7, 2009 2:31:37 PM

Item ID:

D412-769-044

Revision ID:

Item Name:

Aft Facing Seat Assembly, RH

Start Date: 07/12/2009 Required Date: 21/12/2009

Start Oty: 5.00 Reg'd Oty: 5.00

Cust Item ID:

Customer:

Setup Start

Stop

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

Accept

Date:

Start

OC:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

190

Operation Description

OC21- Final Inspection - Work Order Release

Set Up/ Run Hours Draw Number Draw Rev.

Plan Accept Code Oty

Reject Qty

Run

Reject Number

Insp. Stamp

Memo

0.00

0.00

Quality Control

#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval STEP DATE PROCEDURE CHANGE Bv Qty Date Chief Eng / QC Inspector Prod Mar Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_ Resolution: \_\_\_\_\_ Disposition: QA: N/C Closed: Date: WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification Approval Approval DATE STEP Sign & **Action Description** Initial QC Inspector Section A Section C Chief Eng Date Chief Eng Chief Eng

December 7, 2009 2:31:40 PM

Work Order ID: 54295

Parent Item: D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Comments:



Start Date: 07/12/2009

Required Date: 21/12/2009

Page 1

Start Qty: 5.00

Comments:							State Qty. south					
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3-5A GV		Purchased	No			110	Each	2,043.000	30.0000	2/18/	+ > SP	
					ouse ation arehouse	Loc	: Qty	Loc Code				
				ST	100188		2043 188 1855			<u> </u>		
AN4-15A DO		Purchased	No			110	Each	182.0000	10.0000	9/18/0	D 20	
					ouse cation Varehouse	Lo	c Qtv	Loc Code				
AN45-13A		Resolved	No	ST		110	182 182 Each	31.0000	5,0000	3		0
EYE BOLT		Purchased	INO							9/12/	LL .	50
					cation	Lo	oc Qty	Loc Code				
				Main V			31		-			
					111975		27		,	1		

#### Dart Aerospace Ltd W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Date Qtv Chief Eng / Prod Mgr QC Inspector

Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_ Date: \_\_\_\_

Resolution:			Disposition	_ Date: _										
NCR:		1	WORK ORDER NON-CONFORMANCE (NCR)											
		Description of NC		Corrective Action Sec	ction B	Verification	Approval	Annuarial						
DATE	STEP	Section A					Approval Chief Eng	Approval QC Inspector						
		5												
	-													
			(# ) (# )	×										
		i i i i i i i i i i i i i i i i i i i					3							
NOTE: D	ate & initia	al all entries		-	1									

December 7, 2009 2:31:40 PM

Work Order ID: 54295

Parent Item:

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Comments:



Start Date: 07/12/2009

Required Date: 21/12/2009

Page 2

Start Qty: 5.00

Commence												
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status .
AN5-10A 6 9 30lt		Purchased	No			110	Each	132,0000	30.0000	alista	r50	
9.10				Wareho	ouse ation	Loc	Qty	Loc Code				
				Main W	arehouse							
				ST	107013		132		-			
					110363		2					
					112314		38			6		
					113149 113255		50 33					
IN5-13A 2 P		Purchased	No			110	Each	252.0000	10.0000	9/18/00	se	@/
olt				Wareh		Loc	Qty	Loc Code				
					cation Varehouse							
				ST			252		_			
					104936		3		· ·			
					108167 110363		14					
					112492		10			3		
					113237		17 200		N2			

#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE Bv Date Qtv Chief Eng / QC Inspector Prod Mar Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_ Resolution: \_\_\_\_ Disposition: \_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification Approval Approval STEP DATE Sign & Initial **Action Description** Section A Section C Chief Eng QC Inspector Chief Eng Chief Eng Date

December 7, 2009 2:31:40 PM

Work Order ID: 54295

D412-769-044 Parent Item:

Parent Item Name: Aft Facing Seat Assembly, RH

Comments:



Start Date: 07/12/2009

Required Date: 21/12/2009

Page 3

Start Qty: 5.00

THE CONTRACTOR OF THE CONTRACT												
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN525-10R24 Screw		Purchased	No			110	Each	146.0000	1100111001	N113538	sp	
				Warehou	use	Loc	Qty	Loc Code				
				Loca	ition							
				Main Wa	rehouse							
				ST			146		-	-		
					109238		146		-			
AN960JD10 2\X		Purchased	No			110	Each	1,965.000	105.0000	9/12/22	50	

WINDONIDIO D	
Washer	

Warehouse	Loc Oty	Loc Code
Location		
Main Warehouse		
ST	1965	
105442	8 2	
109059	2	
109840	23	
110139	2	
110985	202	
111279	5	
111668	64	
112314	645	
112369	14	
113149	1000	

## Dart Aerospace Ltd

W/O:			WO	RK ORDER CHANGE	S					1.00
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		X = 1-2			(4.) ·					
Part No	:	PAR #:	Fault Cate	gory:	NCI	R: Yes	No <b>DQ</b>	A:	_ Date: _	
	Res	olution:	Disposition	1:	QA:	N/C CIG	sed:		Date:	
NCR:			WORK ORDE	R NON-CONFORMA	NCE	(NCR	)			
DATE	STEP	Description of NC		Corrective Action Section	n B		Verific	cation	Approval A	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti		Chief Eng	QC Inspector

December 7, 2009 2:31:41 PM

Page 4

Work Order ID: 54295

Parent Item:

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Comments:



Start Date: 07/12/2009

Required Date: 21/12/2009

Start Qty: 5.00

	Replacement Item ID	Mfg/ Purch	Bir. Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD416 44		Purchased	No			110	Each	2,311.000	20,0000	9-12-2	25/	
UAS1149 00463	4			Wareho		Loc	Qty	Loc Code		.,,, 55 6 .		
				Main W	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
				ST	a ciiousc		2311					
					108161		329					
					110523		340		_			
					111279		101		-			
					111916 112314		482 1059		:-			
					16941		0					
AN960JD516 207		Purchased	No			110	Each	1,016.000	100.0000	4 14		1
										9/12/22	52	10
Washer										14/122	25	-
				Wareho		Loc	Qty	Loc Code		101 300		
					ation							
					arehouse							
				ST			1016		1=			
					110363 110523		46 57		-			
					111279		39					
					112082		64					
					112314		14		-	20		
				-	112828		296 500		-	CO		

## **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qty Chief Eng / Date QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_

NCR:			WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B	Verification	Annessal	Annanal						
DATE STEP	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector					
								i :					

December 7, 2009 2:31:41 PM

Work Order ID: 54295

D412-769-044 Parent Item:

Parent Item Name: Aft Facing Seat Assembly, RH

Comments:



Start Date: 07/12/2009

Required Date: 21/12/2009

Page 5

Start Qty: 5.00-/

Required Qt	y: 5.00
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	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3766-2		Manufactured	No			110	Each	3.0000	5.0000	1/18/20	of of	
				Wareho Loca Main Wa	ation	Loc	Qtv	Loc Code				
				ST			3		7	Q <u> </u>		
D3766-3  \vi		Manufactured	No		42876	110	Each	2.0000	5.0000			0
										9/12/0	72	3
Rear Rail				990000	ation	Loc	Qty	Loc Code				
D3767-1   X	III	Manufactured	No	ST	arehouse	110	2 2 Each	13.0000	5,0000	SP	glaha	2
Upper Rail	· ·			Wareh		Loc	Qtv	Loc Code				
					cation Varehouse							
				ST			13 3 10		2	_		

rospace Li	td								
		WC	ORK ORDER CH	ANGES					100
STEP	PR	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
									· ·
:	PAR #:	Fault Cate	gory:	NC	R: Yes	No DQ	A:	Date: _	
Reso	olution:	Disposition	n:	QA	: N/C C	losed:		Date: _	
		WORK ORDI	ER NON-CONFO	RMANCI	E (NC	R)			
	Description of NC		Corrective Action	Section B		Vorifi	cation	Annroyal	Approve
STEP	Section A	Initial Chief Eng	Action Descrip	otion		& Sect		Chief Eng	Approva QC Inspecto
	STEP	PAR #: Resolution:  Description of NC	STEP PROCEDURE CHAR  PROCEDURE CHAR  PAR #: Fault Cate  Resolution: Disposition  WORK ORDI  STEP Description of NC Section A Initial	STEP PROCEDURE CHANGE  PAR #: Fault Category:  Resolution: Disposition:  WORK ORDER NON-CONFO  STEP Description of NC Section A Corrective Action Initial Action Description	WORK ORDER CHANGES  STEP PROCEDURE CHANGE  PAR #: Fault Category: NC  Resolution: Disposition: QA  WORK ORDER NON-CONFORMANCE  STEP Description of NC Section A	STEP PROCEDURE CHANGE By  PAR #: Fault Category: NCR: Yes  Resolution: Disposition: QA: N/C C  WORK ORDER NON-CONFORMANCE (NC)  STEP Description of NC Section A Section B  Initial Action Description Sign	STEP PROCEDURE CHANGE By Date  Disposition: QA: N/C Closed: WORK ORDER NON-CONFORMANCE (NCR)  STEP Description of NC Section A Section B	STEP PROCEDURE CHANGE By Date Qty  DESCRIPTION OF NC Section A Section A Section C Sec	STEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr  DESCRIPTION OF A CONFORMANCE (NCR)  STEP Description of NC Section A Section A Section C Chief Eng / Prod Mgr  WORK ORDER CHANGES  By Date Qty Chief Eng / Prod Mgr  NCR: Yes No DQA: Date: Da

December 7, 2009 2:31:41 PM

Page 6

Work Order ID: 54295

Parent Item:

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH



Start Date: 07/12/2009

Required Date: 21/12/2009

Start Qty: 5.00

Comments:									start Qty. 5.00		required Qu	, 2.00
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3782-041 / V	Jy	Manufactured	No			110	Each	4.0000	5.0000	9/12	122	Sel
					archouse	Loc	4 2	Loc Code		/		
03782-044 \ \V	ibly RH	Manufactured	No	(0.4)	42840	110	2 Each	3.0000	5.0000	9/121	12.	SI
Toll Subsult Deg 1 soon	,			-	cation /arehouse	Loc	Oty 3	Loc Code			3 %	
D3782-045		Manufactured	No		46205	110	3 Each	4.0000	10,0000	9/17	1225	of a
					ouse cation Varehouse	Loc	Qty	Loc Code				
				ST	42832 42833		4 2 2		-	7	-:	

## **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Date Qty Chief Eng / QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NOD.

	78-70-70-70-70-70-70-70-70-70-70-70-70-70-	Description of NC		Corrective Action Section 8	3	Verification	Anneousl	Annequal
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto
						24		

December 7, 2009 2:31:41 PM

Work Order ID: 54295

Parent Item: D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Comments:



Start Date: 07/12/2009

Required Date: 21/12/2009

Page 7

Start Qty: 5.00

Mfg/ Purch			Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
Manufactured	No /	/		110	Each	0.0000				\$ 10/01/x
Manufactured	No			110	Each	0.0000	10.0000 &	7380		
Manufactured	No	- 76		110	Each	4.0000	5,0000	9/12/20	De +	
		Loc	varion /arehouse	Loc	4	Loc Code				
Manufactured	No		42855	110	1 Each	4.0000	5.0000	9/12	122	D5
		Lo	cation	Loc	Qtv	Loc Code				
					4			)		
	Purch  Manufactured  Manufactured  Manufactured	Purch Item I Manufactured No Manufactured No Manufactured No	Manufactured No  Manufactured No  Manufactured No  Wareh  Lo  Main W  ST  Manufactured No  Wareh  Lo  Main W  Manufactured No	Manufactured No  Manufactured No  Manufactured No  Warehouse Location Main Warehouse ST  42852 42854 42855  Manufactured No  Warehouse ST  Location Main Warehouse ST  ST  Warehouse Location Main Warehouse ST  ST	Purch Item Location Location Seq ID  Manufactured No 110  Manufactured No 110  Warehouse Location  Main Warehouse ST 42852 42854 42855  Manufactured No 110  Warehouse ST 42852 42854 42855  Manufactured No 110	Manufactured No 110 Each  Main Warehouse ST 4 42852 1 42854 2 42855 1  Manufactured No 110 Each  Manufactured No 110 Each	Purch         Item Location         Location         Seq ID         Measure         Hand           Manufactured         No         110         Each         0.0000           Manufactured         No         110         Each         0.0000           Manufactured         No         110         Each         4.0000           Warehouse Location Main Warehouse         1         Loc Oty         Loc Code           Manufactured         No         110         Each         4.0000	Manufactured No 110 Each 0.0000 5.0000  Manufactured No 110 Each 0.0000 5.0000  Manufactured No 110 Each 0.0000 5.0000  Manufactured No 110 Each 4.0000 5.0000  Manufactured No 110 Each 4.0000 5.0000  Main Warehouse ST 4  42852 1  42854 2  42855 1  Manufactured No 110 Each 4.0000 5.0000  Main Warehouse ST 4  42855 1  Manufactured No 110 Each 4.0000 5.0000  Main Warehouse ST 4  42855 1  Manufactured No 110 Each 4.0000 5.0000	Purch         Item         Location         Location         Seq ID         Measure         Hand         Qty To Pick         Issued           Manufactured         No         110         Each         0.0000         5,0000         5,0000         5 √3 ≥ ○           Manufactured         No         110         Each         0.0000         10,0000 €         5 √3 ≥ ○           Manufactured         No         110         Each         4,0000         5,0000           Warehouse         ST         4         4         4           42852         1         4         4         4           42854         2         4         4         4           Manufactured         No         110         Each         4,0000         5,0000           Warehouse         110         Each         4,0000         5,0000           Warehouse         Loc Oty         Loc Code         1           Location         Main Warehouse         ST         4	Purch         Item         Location         Location         Seq ID         Measure         Hand         Qty To Pick         Issued         Issued           Manufactured         No         110         Each         0.0000         5.0000         \$5 \cdot 3 \cdot 7\$         \$\frac{1}{2}\$           Manufactured         No         110         Each         0.0000         10.0000 \$\mathbb{E} 5 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{2}{2}\$           Manufactured         No         110         Each         4.0000         5.0000         \$\frac{4}{12\lambda 3 \cdot 3} \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \cdot 3 \cdot 3 \cdot 7\$         \$\frac{1}{2} \cdot 2 \

#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qty Date Chief Eng / QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_ Date: \_\_\_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification Approval Approval DATE STEP Sign & **Action Description** Initial QC Inspector Section A Section C Chief Eng Date Chief Eng Chief Eng

December 7, 2009 2:31:41 PM

Work Order ID: 54295

Parent Item:

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH



Start Date: 07/12/2009

Required Date: 21/12/2009

Page 8

Start Qty: 5:00

Comments:										/	District Section	
Component Item ID/ Item Name	Replacement ftem ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Ecute Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date -/ Issued	Status
D3784-043 V Seat Support Assembly, LH		Manufactured	No			110	Each	2.0000	5.0000	9/11/22	50	
				Wareho		Loc	Qty	Loc Code				
					ation arehouse							
				ST ST	arenouse		2		7			
				(	42864 42865		1		/-			
D3784-044		Manufactured	No		DETERM	110	Each	2.0000	5.0000	-11		
Seat Support Assembly, RF										9/12/22	109	2

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	2	
(42867)	1	
42868	1	

## **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qty Date Chief Eng / QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NOD.

25 35-55	200000000000000000000000000000000000000	Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto
					8			

December 7, 2009 2:31:41 PM

Work Order ID: 54295

Parent Item: D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Comments:



Start Date: 07/12/2009

Required Date: 21/12/2009

Page 9

Start Qty: 5.00

Comments.										/	137/	
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L3 90		Purchased	No			110	Each	2,759.000	45,0000	9/12/22	8	
					ation	Loc	<u>Otv</u>	Loc Code				
				ST ST	arehouse		2759 14		-			
					110844 111274 111668 112314		32 27 194 1992			9		
MS21042L4 2-10		Purchased	No		112385	110	500 Each	4,135.000	10.0000	8/1-/2	7	@ 5º
Nut				Wareho Loc	ouse ation	Loc	Qty	Loc Code				
				Main W ST	arehouse		4135 184		-			
					111827		3951			2		

#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Date Qty Chief Eng / QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_ Date: \_\_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification Approval Approval STEP DATE **Action Description** Sign & Initial Section A QC Inspector Section C Chief Eng Date Chief Eng Chief Eng

December 7, 2009 2:31:41 PM

December 7, 2009 2.31.411

Work Order ID: 54295

Parent Item: D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Comments:



Start Date: 07/12/2009

Required Date: 21/12/2009

Page 10

Start Qty: 5.00 | Required Qty: 5.00

Component Item ID/ Replacemen Item Name Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN525-10R22 3>	Purchased	No			160	Each	171.0000	65.0000	9/12/2	2 56	7
			Warehoo Loca Main Wa ST	ation	Loc	171	Loc Code		12		
AN960JDIOL 137	Purchased	No		110139	160	Each	5,439.000	65,0000	9/12/	22	Sel
				ation arehouse	Loc	Oty	Loc Code	11			
			ST	101291 104885 105793 109632		5439 16 153 236 276 4758			/3		
D3774-1 X	Manufactured	No			160	Each	2.0000	5.0000	9/12/	122	28
				cation /arehouse	Loc	· Otv	Loc Code				
			ST			2			/		

#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qty Chief Eng / Date QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: **Corrective Action** Section B Description of NC Verification Approval Approval DATE STEP Sign & **Action Description** Initial Section A QC Inspector Section C Chief Eng. Date Chief Eng Chief Eng

December 7, 2009 2:31:41 PM

Work Order ID: 54295

Parent Item: D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Comments:



Start Date: 07/12/2009

Required Date: 21/12/2009

Page 11

Start Qty: 5.00

Comments:												
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Rin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
03774-3 / V Beat Back, LH/RH		Manufactured	No			160	Each	2.0000	5,0000	9/12/20	\$	
				Wareho Loca Main W	ation	Loc	Qty	Loc Code				
				ST	A6066		2		-			
D3775-1 <b>3</b> ♥		Manufactured	No	div.	, 4000	160	Each	31.0000	10.0000	glislas	Sl	
Guard					ation	Loc	Oty	Loc Code				
				Main W	42875 44532 46048		31 1 10 20					
03792-1 3V Seat Belt Eye Bolt		Manufactured	No		40048	160	Each	112.000	15.0000	9/12/22	F	8
				Wareh Lo	ouse cation	Loc	Oty	Loc Code	E			
					Varehouse							
				ST	40880		112		-	3		
					41879 42020		45 50					

#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qty Date Chief Eng / QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification Approval Approval DATE STEP **Action Description** Sign & Initial Section A QC Inspector Section C Chief Eng Chief Eng Chief Eng Date

December 7, 2009 2:31:41 PM

Page 12

Work Order ID: 54295

Parent Item:

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH



Start Date: 07/12/2009

Required Date: 21/12/2009

Start Qty: 5.00

Required Qty: 5.00

Comments:									cuit Cajiraio.	1	and the second second	
Ceniponent Item ID/ trem Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L3 19 V		Purchased	No			160	Each	2,759.000	95,0000	glistaz		Sl
(val.				Wareho	use	Loc	Qty	Loc Code				
				Loca	ation							
				Main W	arehouse							
				ST			2759					
					109798		14					
					110844		32					
					111274		27		la di e			
					111668		194		H 1	19		
					112314		1992		1 1 15	13 [1		
12 h					112385	160	500 Fach	750 0000	60.0000			
MS21042L5  2 /0		Purchased	No			160	Each	750.0000		7/12/22	9.	Pec

MS21042L5	0	10			
Mind					

Loc Code Loc Qty Warehouse Location Main Warehouse ST 750 110382 10 111636 11 112314 729

#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qty Date Chief Eng / QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification Approval Approval DATE STEP Sign & **Action Description** Initial Section A QC Inspector Section C Chief Eng Date Chief Eng Chief Eng

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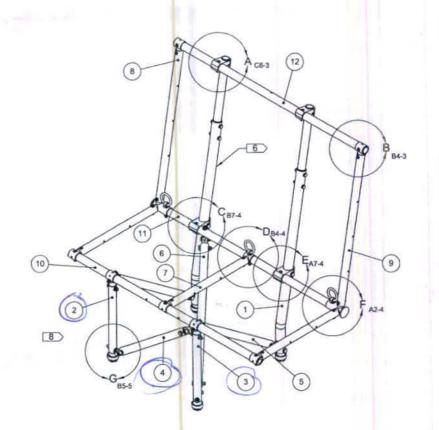
D412-769-044 AFT FACING SEAT, RH

В	NEWH	VHARDWARE		HS	08.06.25			
A	NEWIS	SSUE		HS	08,06.04			
REV.	1		DESCRIPTION	BY	DATE			
DESIGN HS		HS	DART AEROSPA	DART AEROSPACE LTD				
DRAWN		HS	HAWKESBURY, ONTARIO, CANADA					
CHECKED 80		100	DRAWING NO.		REV. B			
MFG. APPR.		Mc.	D412-769-2		SHEET 1 OF 7			
APPRO	OVED	Mi	TITLE		SCALE			
DE APPR.		-#	AFT FACING SEAT ASSY, RH N					
DATE	08.0	06.25	COPYRIGHT © 2008 BY DART A	COPYRIGHT O 2008 BY DART AEROSPACE LTD				

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#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval STEP DATE PROCEDURE CHANGE By Qtv Date Chief Eng / QC Inspector Prod Mar Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_ Resolution: QA: N/C Closed: Date: WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification DATE STEP Approval Approval Sign & **Action Description** Initial Section A QC Inspector Section C Chief Eng Chief Eng Chief Eng Date

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-044
1	D3782-045	BACK LEG ASSY	2
_ 2	D3782-041	FRONT INBOARD LEG ASSY	1
- 3	D3782-044	FRONT OUTBOARD LEG ASSY, RH	1
- 4	D3783-041 —	LATERAL BRACE ASSY	1
5	D3783-043	LONGITUDINAL BRACE ASSY	2
6	D3783-045	ANGLE BRACE ASSY	1
7	D3784-041	SEAT SUPPORT ASSY	1
8	D3784-043	SEAT SUPPORT ASSY, LH	1
9	D3784-044	SEAT SUPPORT ASSY, RH	1
10	D3766-2	FRONT RAIL, RH	1
11	D3766-3	REAR RAIL	1
12	D3767-1	UPPER RAIL	1
13	D3792-1	SEAT BELT EYE BOLT	3
14	D3775-1	GUARD	2
15	D3774-1	SEAT BOTTOM	1
16	D3774-3	SEAT BACK	1
17	AN3-5A	BOLT	6
18	AN4-15A	BOLT	2
19	AN45-13A	EYE BOLT	1
20	AN5-10A	BOLT	6
21	AN5-13A	BOLT	2
22	AN525-10R22	SCREW	13
23	AN525-10R24	SCREW	9
24	MS21042L3	NUT	28
25	MS21042L4	NUT	2
26	MS21042L5	NUT	12
27	NAS1149D0332J	WASHER (AN960JD10L)	13
28	NAS1149D0363J	WASHER (AN960JD10)	21
29	NAS1149D0463J	WASHER (AN960JD416)	4
30	NAS1149D0568J	WASHER (AN960JD516)	20



1) MATERIAL: N/A
2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3 PRIOR TO
INSTALLATION OF SEAT BOTTOM/BACK (D3774-1, -3). MASK FRONT LEGS PRIOR TO POWDER COAT
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION, IDENTIFY WITH DETAILS ASSEMBLY (D3770.015).

6) IDENTIFICATION: IDENTIFY WITH D2729-1 RED DECAL ATTACHED TO BACK LEG ASSEMBLY (D3782-045)
7) WEIGHT: 30.0 lbs

8) ITEM 15 (D3774-1 SEAT BOTTOM) AND ITEM 16 (D3774-3 SEAT BACK) REMOVED FOR CLARITY

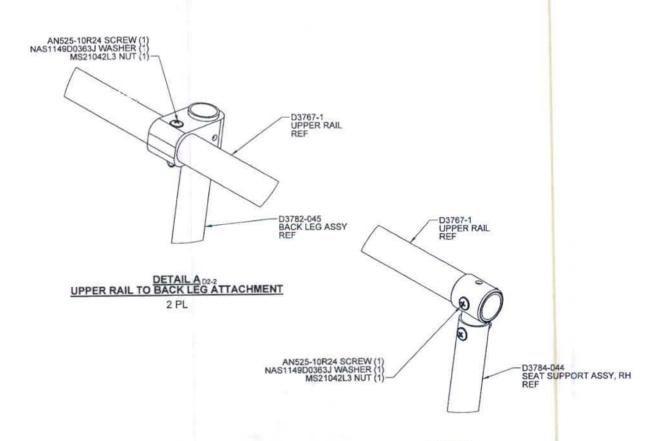
D412-769-044 AFT FACING SEAT, RH

HS

DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. B D412-769-2 MFG. APPR. SHEET 2 OF 7 APPROVED TITLE AFT FACING SEAT ASSY, RH NTS DE APPR

COPYRIGHT © 2008 BY DART AEROSPACE LTD
THE DOCUMENT & MOVET FOR CONVENTION, AND IS BURNED ON THE EMPLES CONVENTION, AND IS BURNED TO THE EMPLES OF COMPLETE OF COMMUNICATED TO ANY OTHER PERSONS. DATE 08.06.25

#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval STEP DATE PROCEDURE CHANGE By Qty Chief Eng / Date QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification Approval Approval STEP DATE Sign & **Action Description** Initial Section A QC Inspector Section C Chief Eng Date Chief Eng Chief Eng



DETAIL B C1-2
SEAT SUPPORT END ATTACHMENT (TYP) 5 PL

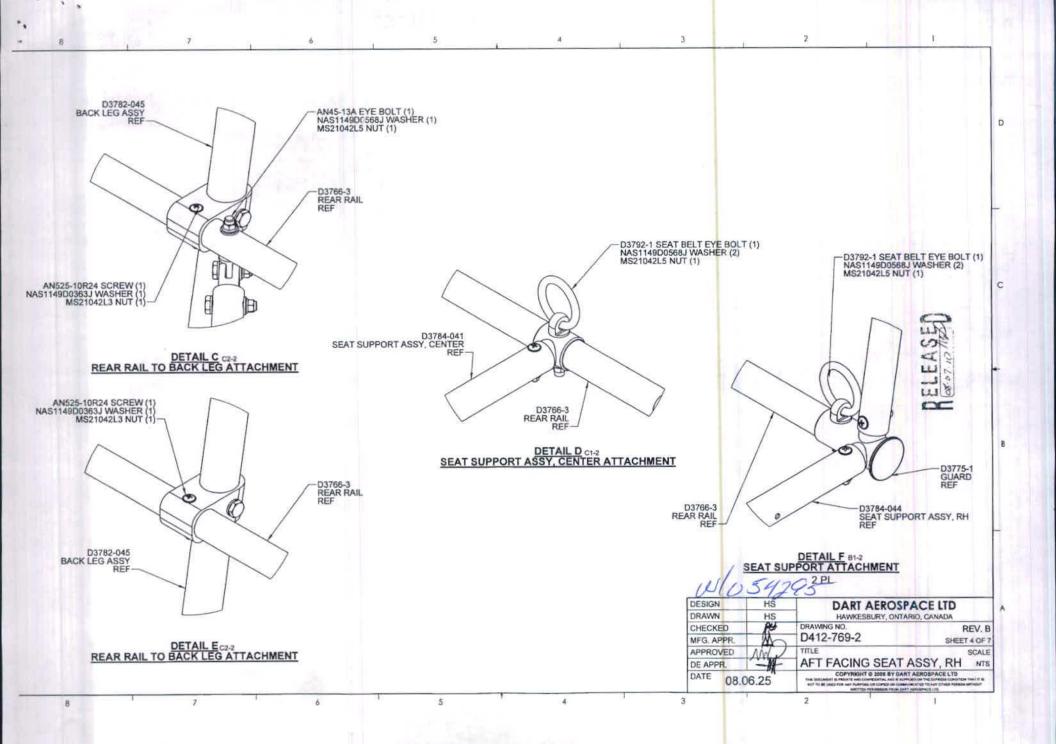
DESIGN HS DART AEROSPACE LTD DRAWN HS HAWKESBURY, ONTARIO, CANADA DRAWING NO. REV. B CHECKED D412-769-2 SHEET 3 OF 7 MFG. APPR. APPROVED SCALE AFT FACING SEAT ASSY, RH NTS DE APPR. COPYRIONT © 2008 BY DART APROSPACE LTD
THE WICLINGHT & PRINTE HIS CONFECUNDA HAS IN BURNING THE SPECIAL CONDITION THAT IT IS
NOT TO BE JURGE FOR ANY PURPOSE OF COMPANY OF SOMEWHEATER TO ANY OTHER RESERVE METHORS. DATE 08.06.25

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#### **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval ' STEP PROCEDURE CHANGE DATE By Qty Date Chief Eng / QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCR: **Corrective Action** Section B Description of NC Verification Approval Approval DATE STEP Sign & **Action Description** Initial Section A QC Inspector Section C Chief Eng Chief Eng Chief Eng Date



## **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qty Date Chief Eng / QC Inspector Prod Mgr Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_ Resolution: \_\_\_\_ Disposition: \_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_ WORK ORDER NON-CONFORMANCE (NCR) NCD.

-		Description of NC	on of NC Corrective Action Section B					Annvoyel
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector

D3782-041
FRONT INBOARD LEG ASSEMBLY
REF

D3783-041
BRACE ASSEMBLY
REF

ANS-10A BOLT (1)
NAS1149D0568J WASHER (2)
MS21042L5 NUT (1)

DETAIL G<sub>B3-2</sub>
BRACE ATTACHMENT
6 PL

RELEASED

D

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DESIGN HS HS DRAWN DRAWING NO. CHECKED REV. B D412-769-2 MFG. APPR. SHEET 5 OF 7 APPROVED SCALE AFT FACING SEAT ASSY, RH MTS

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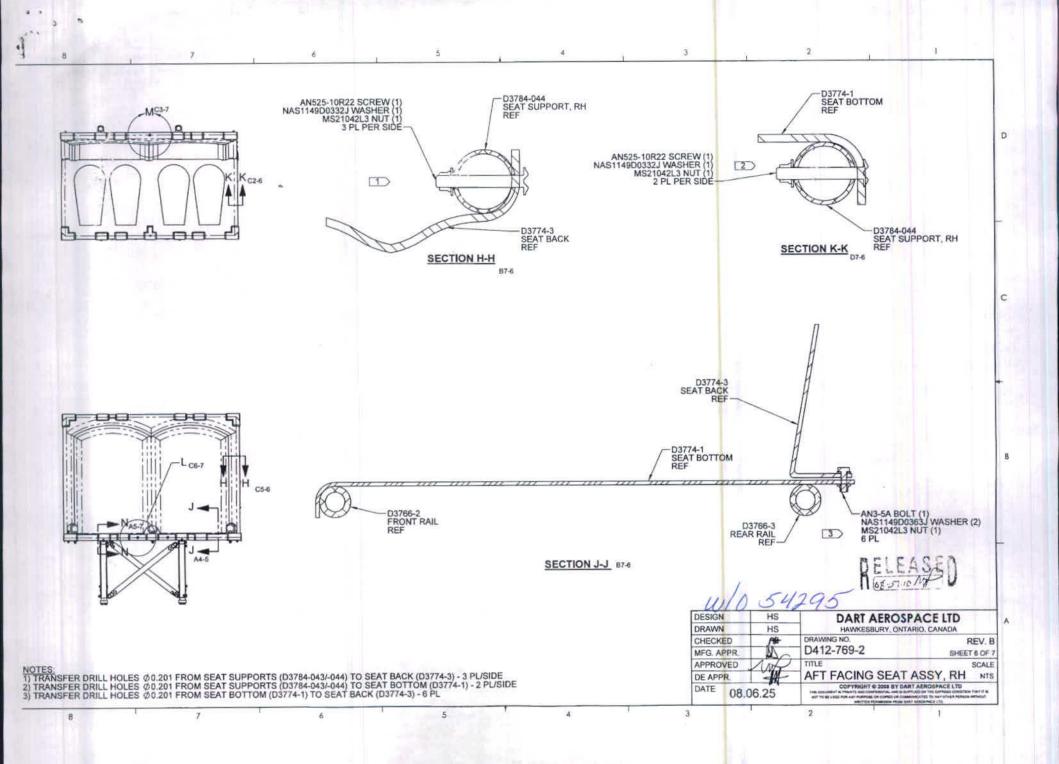
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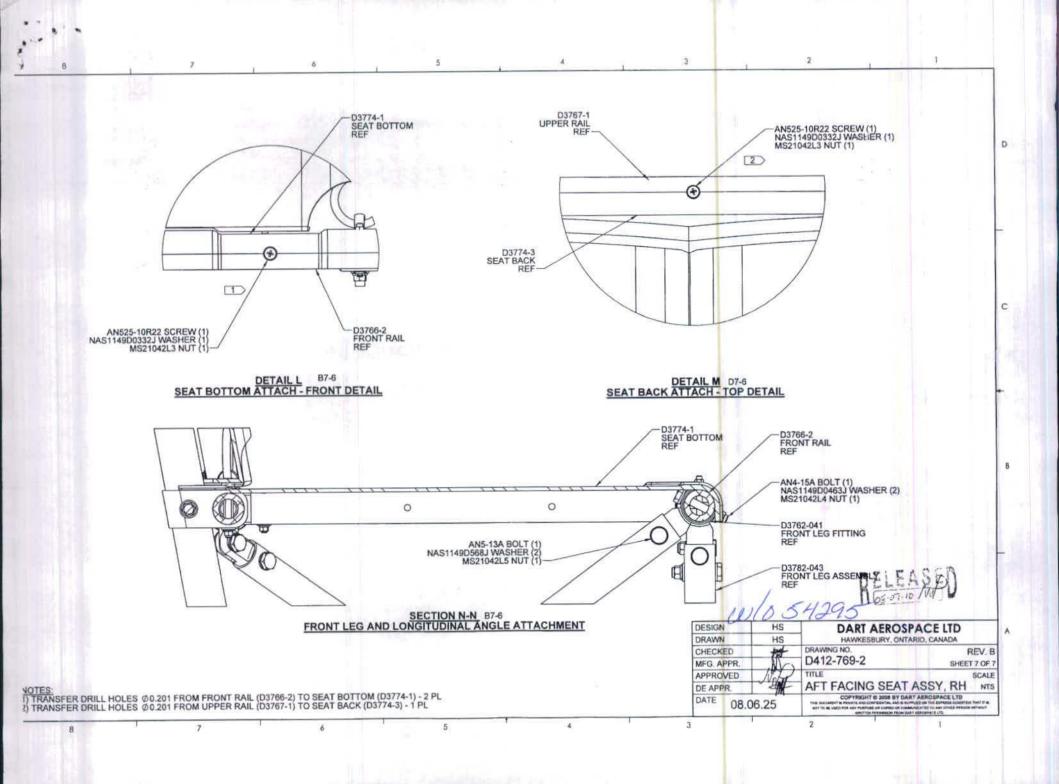
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# **Dart Aerospace Ltd** W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qty Chief Eng / Prod Mgr Date QC Inspector Part No: \_\_\_\_\_\_ PAR #: \_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_ Date: \_\_\_\_ Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector
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W/O:			\A/	<b>ORK ORDER CHANGES</b>	9				-
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
Part No	:	PAR #:	Fault Cat	egory: N	ICR: Yes	No DQ	A:	Date:	
	Re	solution:	Dispositi	on: (	A: N/C C	losed:		Date: _	
NCR:			WORK ORD	DER NON-CONFORMANO	CE (NC	R)			
		Description of NC Corrective Action Section				Vorifi	cation	Annuoval	Approva
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sect	ion C	Approval Chief Eng	QC Inspect



W/O:			WO	RK ORDER CHA	NGES					
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									40	H.
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Part No	):	PAR #:	Fault Cated	iorv:	NCR	Yes	No DQ	A:	Date:	4
		esolution:								
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	-1,2,5,1,7	Description of NC	Corrective Action Section B			,		ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Descripti Chief Eng	on	Sign & Date	Section		Chief Eng	QC Inspecto
		14					-31		+ 1	
		.8				5				13
		7.						-3	-	1
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